Client _____ Quantity _____

Project _____ Position _____

# Modi Active Power Blast Chiller

**Model:** W20PAL **Cod:** W51196100001



Modi multifunction blast chiller Power 20 trays Active version (24 basins 360x165x150 mm), temperature range -40°+65°C. It is equipped with the functions: blast chilling, blast freezing, manual cycle, thawing, proving, holding, desiccation, chocolate. Plug-In refrigeration system with air condensation with R452a refrigerant gas. 4.3" touch screen and operating mode with customisable recipes, by time or with core probe. Adjustable ventilation 25-100%. Blast chilling yield +90/+3°C - 80 Kg; blast freezing yield +90/-18°C - 60 Kg. 5 heavy duty climatic class, hot gas defrost. 60 mm insulation thickness - HFO with high insulation performance and low environmental impact (CFC, HCFC, HFC free). Mechanical expansion valve and anti-corrosion painted evaporator. Easily replaceable triple chamber magnetic gasket and core probe with screw connector. Exterior and interior AISI 304 stainless steel, removable fan unit and condenser cover. Equipment: 3 pairs of slides and 6 EN60x40 plastic coated shelves. ModBus/RTU Rs485 connection as standard. Cosmo: wi-fi connection for remote monitoring via Cosmo App. When wired to Coldline counters and cabinets acts as a hub for remote monitoring of connected equipment.

## Technical data

| | |
|---|---|
| **Top:** | 4 cm thickness |
| **Max capacity:** | 24 basins |
| **Gross capacity:** | 513 lt |
| **Temperature range:** | -40°+65°C |
| **Ventilation range:** | 25% - 100% |
| **Humidifier:** | Not available |
| **Refrigerant unit:** | Plug-in |
| **Yield +90/+3:** | 80 Kg |
| **Yield +90/-18:** | 60 Kg |
| **Climate class:** | 5 |
| **Cooling gas:** | R452a (GWP=2.141) |
| **Defrost:** | Hot gas |
| **Valve:** | Mechanical expansion |
| **Dimensions:** | 1100×1045×1843 mm |
| **Packing dimensions:** | 1180×1125×1905 mm |
| **Voltage:** | 400-415 V - 50-60 Hz |
| **Cooling capacity:** | 9820 W* |
| *: | Evap. -10°C Cond. +45°C |

## Features

| | |
|---|---|
| **Functions:** | Blast chilling, shock freezing, thawing, proving, holding, desiccation, chocolate, manual cycle |
| **Standard equipment:** | 3 slides EN60x80, 6 plastic coated EN60x40 shelves |
| **Control:** | 4,3" touch screen display with USB port |
| **Doors:** | With odour control system |
| **Door gasket:** | Magnetic, triple chamber and easily replaceable |
| **Core probe:** | Needle probe with 1 reading point, quick-release and easily replaceable |
| **Insulation:** | 60 mm thickness - CFC/HCFC free |
| **Exterior/interior finishing:** | Exterior and interior AISI 304 stainless steel. |
| **Inner corners:** | Rounded for easy cleaning and ensuring maximum hygiene |
| **Handle:** | Stainless steel AISI 304, 2 mm thick |
| **Racks and slides:** | Stainless steel AISI 304, quick release |
| **Feets:** | AISI 304 stainless steel adjustable h 100/150 mm |
| **Cosmo:** | Wi-Fi remote control system |

In order to constantly offer the best possible products we reserve the right to make changes on technical specifications without incurring any obligation for equipment previosly or subsequently sold.

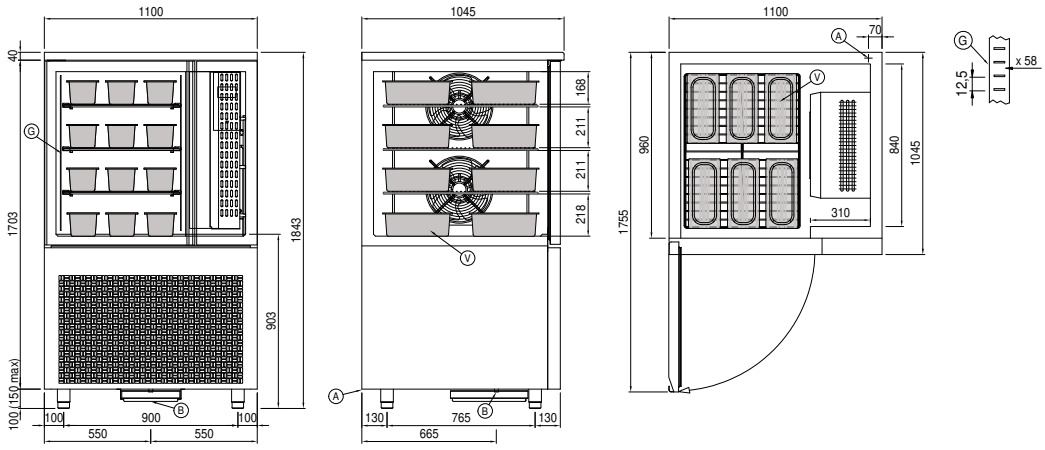
## Accessories and variants

| | |
|---|---|
| RAL customisable colouring | Other special voltage |
| Sonda al cuore a 3 punti di lettura | Lowered foot h 55/70 mm |
| Sonda al cuore riscaldata a 1 punto di lettura | 4 Swivel and brake castors h 128 mm |
| Reverse door opening from standard | Aluminium coated backingan EN60x40 h 20 mm |
| Alimentazione Monofase 50Hz oppure 60Hz | Stainless steel shelf EN60x40 |
| Alimentazione Trifase 50Hz oppure 60Hz | Plastic coated shelf EN60x40 |
| Alimentazione frequenza 60Hz | Pair of type L slides 755 mm EN60x80 |

## COSMO - wi-fi control

Cosmo is The Nice Kitchen's exclusive Wi-Fi technology that allows MODI blast chillers to be connected, updated and monitored from smartphones. MODI is also a Cosmo hub and allows remote supervision of the Coldline appliances connected to it. From the CosmoApp you can check the operating conditions of each machine and receive alerts in the event of abnormal operation.

## Technical draw




**A:** Power supply cable outlet **B:** Condensation water drain **G:** Racks pitch

**V:** Basins 360x165x120h (not included)

## Energy consumption EN 10732

### Blast chilling cycle +65/+10

| | |
|---|---|
| Consumption | 0,085 kWh/kg |
| Time | 90 min |
| Yield | 80 Kg |

### Blast freezing cycle +65/-18

| | |
|---|---|
| Consumption | 0,268 kWh/kg |
| Time | 261 min |
| Yield | 60 Kg |

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